



## NUCLEAR REGULATORY COMMISSION

[NRC-2023-0106]

**NUREG: Report to Congress on Abnormal Occurrences: Fiscal Year 2022;**

**Dissemination of Information**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Final report; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing NUREG-0090, Volume 45, "Report to Congress on Abnormal Occurrences: Fiscal Year 2022." The report describes those events that the NRC or an Agreement State identified as abnormal occurrences (AOs) during fiscal year (FY) 2022, based on the criteria defined by the Commission. The report describes eight events at Agreement State-licensed facilities and one event at an NRC-licensed facility.

**DATES:** NUREG-0090, Volume 45, is available **[INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]**.

**ADDRESSES:** Please refer to Docket ID **NRC-2023-0106** when contacting the NRC about the availability of information regarding this document. You may obtain publicly available information related to this document using any of the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2023-0106**. Address questions about Docket IDs in Regulations.gov to Stacy Schumann; telephone: 301-415-0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individual listed in the "For Further Information Contact" section of this document.

- **NRC's Agencywide Documents Access and Management System**

**(ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209,

301-415-4737, or by e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The ADAMS accession number for each document referenced (if it is available in ADAMS) is provided the first time that it is mentioned in this document.

**FOR FURTHER INFORMATION CONTACT:** Edward Harvey, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-3704; email: [Edward.Harvey@nrc.gov](mailto:Edward.Harvey@nrc.gov).

**SUPPLEMENTARY INFORMATION:** Section 208 of the Energy Reorganization Act of 1974, as amended (Pub. L. 93-438), defines an “abnormal occurrence” as an unscheduled incident or event that the NRC determines to be significant from the standpoint of public health or safety. The FY 2022 AO report, NUREG-0090, Volume 45, “Report to Congress on Abnormal Occurrences: Fiscal Year 2022” (ADAMS Accession No. ML23158A228), describes those events that the NRC identified as AOs during FY 2022.

This report describes eight events involving Agreement State licensees and one event involving an NRC licensee. Seven of the AOs occurred at medical facilities and the other two events involved overexposures.

The NRC identified no events at NRC-licensed facilities during FY 2022 that met the guidelines for inclusion in Appendix B, “Other Events of Interest.”

One event met the guidelines for inclusion in appendix C, “Updates of Previously Reported Abnormal Occurrences.”

Agreement States are the 39 U.S. States that currently have entered into formal agreements with the NRC pursuant to section 274 of the Atomic Energy Act of 1954, as amended (AEA), to regulate certain quantities of AEA-licensed material at facilities located within their borders.

The Federal Reports Elimination and Sunset Act of 1995 (Pub. L. 104-68) requires that AOs be reported to Congress annually. The full report, NUREG-0090, Volume 45, “Report to Congress on Abnormal Occurrences: Fiscal Year 2022,” is also

available electronically at the NRC's public website at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff>.

Dated: June 14, 2023.

For the Nuclear Regulatory Commission.

**Brooke P. Clark,**  
*Secretary of the Commission.*

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